

altair® LSX vCell



High Performance Filtration

PARKER Hannifin’s altair® filter business offers extremely high levels of turbine protection in a wide range of environments with its selection of inlet filters. Our nearly 50 years of expertise in gas turbine air intake design has influenced the development of this water-resistant filter. Its high dust holding capacity helps prolong filter life and significantly lowers operating costs. The filter is designed for low pressure loss to enable improved power output. Available in industry-standard sizes, the LSX is suitable for all GT OEM filter houses.

Key Benefits

- EPA grade filtration efficiency media provides hydrophobic performance for superior protection in wet environments
- Extends operational maintenance intervals
- Low pressure loss helps increase power output and/or improve fuel efficiency
- Easy to install and change out to reduce down time
- Easily disposable by incineration

Predictable and Reliable

The altair LSX filter delivers predictable performance while maintaining steady pressure loss. Our LSX vCell reduces both dry and wet contaminants from reaching the turbine blades. The LSX vCell filter is designed to provide maximum protection to gas turbines against moisture as well as particulate contaminants, and is both mist and fog resistant. The LSX vCell provides balanced maintenance costs, improved output efficiency, and delivers exceptional gas turbine performance across the filter’s service life.

Performance Data

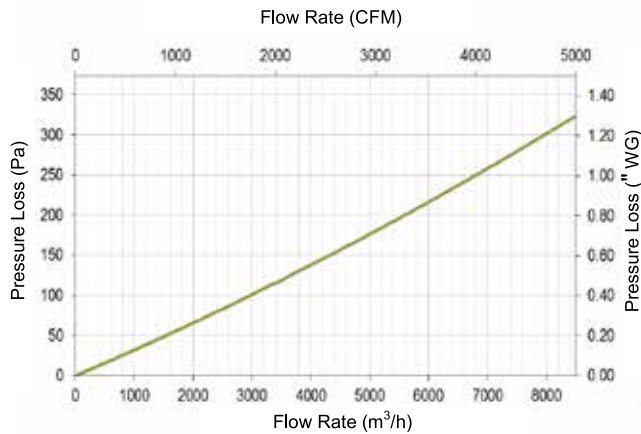
ASHRAE 52.2: 2012 Rating	MERV 15
EN779: 2012 Rating	F9
Rated Airflow	4250 m³/h, (2500 CFM)
ASHRAE dust-holding capacity (450 Pa) 3400 m³/h	514 g (1.13 lb)
ASHRAE dust-holding capacity (450 Pa) 4250 m³/h	295 g (0.65 lb)
Operating Temperature Range	-40°C to 70°C (-40° F to 158°F)

Filter Facts

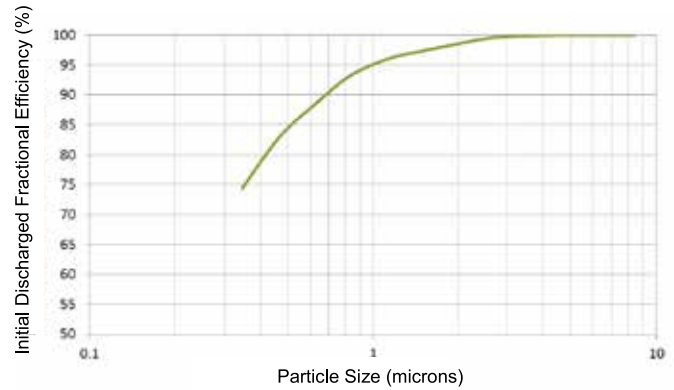
Construction	Robust, impact resistance plastic, ABS (Acrylonitrile butadiene styrene)
Gasket	Foam in place polyurethane, continuous, single piece
Dimensions	595 mm H x 595 mm W x 293 mm D (23.4” H x 23.4” W x 11.6” D)
Clean Weight	10.5 kg (23.1 lb)
Application	Multi stage static or hybrid filtration

altair[®] LSX vCell

Pressure Loss



Initial Fractional Efficiency



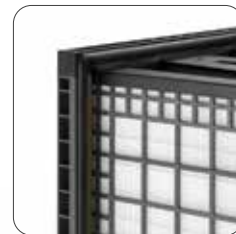
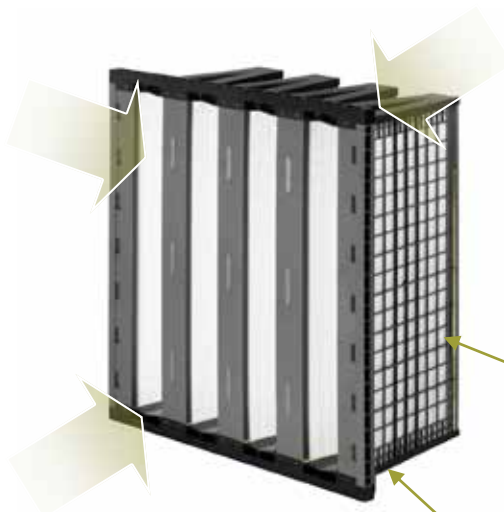
Key Features



Best in class hydrophobic properties.



Fully potted and sealed media packs



Continuous gasket with gasket stop

Protective grids, ensures wet burst pressure of greater than 25\" WG

Robust ABS Frame

For more information, contact your **Parker Hannifin Gas Turbine Filtration** representative:

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